



Specifications – MHR-2 Cable

Description Part No. (length) Model	UL NEC/ C(UL) CEC UL AWM Temp.	No. of Cond.	Standard Lengths		Shipping Weights		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials (% coverage) Nom. DCR	Nominal OD		Nom. Imp. of Prop. (ohms)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/ft	pF/m	MHz	dB/ 100 ft	dB/ 100 m
(2) 26 AWG Miniature Coax • Aluminum Foil (100%) + Tinned Copper Serve Shield																			
Nonplenum Cable • Gas-injected Foamed Polyolefin Insulation • PVC Inner Jackets • Matte Black PVC Outer Jacket																			
22-123-02 (250') 22-123-03 (500') MHR-2  Min. bend radius: 2.5"	NEC CM UL 1581 75 °C	2 coax	250	76.2	16	7.2	26 AWG (7/34) 0.019" 0.48 mm, Tinned Cu 41 ohms/ 1k ft, 135 ohms/ 1 km	0.071	1.80	Alum. Foil (100%) Tinned Cu Serve (95%) 12.2 ohms/ 1k ft, 40.0 ohms/ 1 km	Single: 0.105 2.67 yellow, white	75	81%	16.7	54.8	1	-0.5	-1.7	
			5	-1.2	-3.9														
			10	-1.7	-5.5														
			20	-2.4	-7.8														
			50	-3.8	-12.3														
			71	-4.5	-14.8														
			100	-5.4	-17.6														
			135	-6.3	-20.6														
			180	-7.3	-23.9														
			200	-7.7	-25.4														
			270	-9.1	-29.9														
			400	-11.5	-37.3														
			750	-16.4	-53.8														
1000	-19.5	-64.0																	
3000	-43.6	-143.0																	
Sweep tested 5 MHz to 1 GHz.																			
Plenum Cable • Gas-injected Foamed FEP Insulation • FEP Inner Jackets • Blue Fire-resistant PVC Outer Jacket																			
22-129-02 (250') 22-129-03 (500') MHR-2P  Min. bend radius: 5.0"	NEC CMP UL 910 75 °C	2 coax	250	76.2	17	7.7	26 AWG (7/34) 0.019" 0.48 mm, Tinned Cu 41 ohms/ 1k ft, 135 ohms/ 1 km	0.072	1.83	Alum. Foil (100%) Tinned Cu Serve (95%) 12.2 ohms/ 1k ft, 40.0 ohms/ 1 km	Single: 0.100 2.54 yellow, white	75	83%	16.7	54.8	1	-0.5	-1.5	
			5	-1.1	-3.7														
			10	-1.6	-5.4														
			20	-2.3	-7.5														
			50	-3.6	-11.8														
			71	-4.3	-14.1														
			100	-5.1	-16.8														
			135	-6.0	-19.7														
			180	-7.0	-23.0														
			200	-7.4	-24.3														
			270	-8.8	-28.8														
			400	-11.8	-38.7														
			750	-17.6	-57.8														
1000	-21.4	-70.1																	
3000	-51.2	-168.0																	
Sweep tested 5 MHz to 1 GHz.																			